

Grand Prix Safety Barriers

Hot – Dip Galvanized steel in use

<u>Environment:</u>	Residential
<u>Project:</u>	Grand Prix Safety Barriers
<u>Tonnes:</u>	1200 Tonnes
<u>City:</u>	Melbourne (Albert Park)
<u>State/Country:</u>	Victoria, Australia
<u>Date Galvanized:</u>	2003



The Australian Grand Prix Corporation replaced the perimeter fencing around the entire 4 km circuit prior to the opening in 2003. It was apart of there routine upgrade of facilities for the worlds best Grand Prix event.

Consisting of some 2000 panels measuring 4mtrs x 4mtrs, each panel was fabricated from a combination of RHS, flat bar, angle, and wire mesh and weighing approximately 350kg's each. The panels were fabricated by Kiewa Valley Engineering located in Country Victoria (Wodonga). The panels were fabricated and placed in special stillages then transported to IG Melbourne where they were Hot Dipped Galvanized where some post fabrication took place. After completion of Galvanizing the panels were loaded onto the stillages, shipped to site and erected.

The most important factors of the GP panels and pins were the two day turnaround on each shipment, distortion, and quality of the panels.

The main reason Industrial Galvanizers was awarded the contract due to their total service and quality package. Panels of this size have never been HDG before and it required a large degree of creativity from IG which totally eliminated any distortion of the wire mesh.



The erection and installation of the GP panels had extremely tight deadlines that had to be met. Pictured below are the special stillages in which the panels were transported in.





The final outcome of the GP panels after erection and several weeks of installation.



Industrial Galvanizers Case Study (Melbourne)



The locking pins pictured also were a significant part of the project which also were Hot Dipped Galvanized.

The analysis on this project was done in September 2006.
Conducted by **Marco Bazzano I G Melbourne**.